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Substitute for form 1449/PTO
(Revised 04/2003)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number 09/987,452
Filing Date 11/14/2001
First Named Inventor Vasey-Glandon
Group Art Unit 2123
Examiner Name Unknown
Attorney Docket Number 038190/272377

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
3	35	V.P. McConnell, "Fiber-placed C-17 Landing Gear Pod Fairings Reduce Price and Parts - Carbon Fiber/Epoxy Unidirectional Towpreg," High Performance Composites, July/August 1998, pp. 48-50	
3	36	A.L. Velocci, "R&D Unit Pressed to Save \$1 Billion," Aviation Week and Space Technology, May 11, 1998, pp. 75-76	
3	37	E.H. Phillips, "Premier 1 Readied for First Flight," Aviation Week and Space Technology, August 31, 1998, p. 39	
2	38	R. Flory and E. Bernardon, "Effect of Steering and Conformance Requirements on Automated Material Deposition Equipment," Charles Stark Draper Laboratory, Inc. technical capability document	
4	39	Copy of Search Report for corresponding European Appl. No. 99 30 2710	

Examiner Signature		Date Considered	4/15/05
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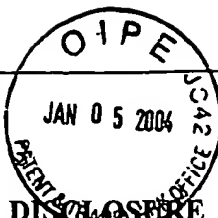
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
3	1	US-4,534,813	08/13/1985	Williamson et al.	
3	2	US-4,646,251	02/24/1987	Hayes et al.	
3	3	US-4,849,913	07/18/1989	Ward, et al.	
3	4	US-4,937,768	06/26/1990	Carver et al.	
3	5	US-4,945,488	07/31/1990	Carver et al.	
3	6	US-5,006,990	04/09/1991	Ward et al.	
3	7	US-5,023,800	06/11/1991	Carver et al.	
3	8	US-5,033,014	07/16/1991	Carver et al.	
3	9	US-5,038,291	08/06/1991	Wang et al.	
3	10	US-5,119,309	06/02/1992	Cavendish et al.	
3	11	US-5,197,013	03/23/1993	Dundorf	
3	12	US-5,419,231	05/30/1995	Earle, III et al.	
3	13	US-5,636,338	06/03/1997	Moreton	
3	14	US-5,729,463	03/17/1998	Koenig et al.	
3	15	US-5,936,861	08/10/1999	Jang et al.	
3	16	US-5,984,511	11/16/1999	Vasey-Glandon et al.	
3	17	US-6,341,261	01/22/2002	Vasey-Glandon et al.	
3	18	US-6,490,496	12/03/2002	Dacey	

FOREIGN PATENT DOCUMENTS

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	19	J.J. Shah, et al., "The A.S.U. Features Tested: An Overview", Arizona St. Univ. pgs. 233-241.	
	20	B. Davidson, et al., "An Expert System for the Design and Analysis of Composite Structures", Am. Helicopter Society Conf. And Specialists Mtg. Sep. 21-23, 1993.	
	21	C.M.L. Wu et al., "A knowledge based expert system for laminated composite strut design", Aeronautical Journal, Jan. 1991, pgs. 1-20.	
	22	C.M.L. Wu, "Bolted joints in a laminated composite strut design expert system", Composite Structures 22, 1992, pgs. 63-85.	
	23	D. Sriram et al., "Knowledge-Based Expert Systems in Structural Design", Computers & Structures, Vol. 20, No. 1-3, pgs. 1-9, 1985.	
	24	J. J. Shah et al., "Analysis of design abstraction, representation and inferencing requirements for computer-aided design".	
	25	J.P.H. Webber et al., "An Expert System for Laminated Plate Design Using Composite Materials", Computers & Structures, Vol. 37, No. 6, p. 1051-1-67, 1990.	
	26	D.P. Costin et al., "Optimum Design of a Composite Structure with Manufacturing Constraints", Thin-Walled Structures 17, pgs. 185-202, 1993.	
	27	H. Yoshiura, et al., "Top-Down Construction of 3-D Mechanical Object Shapes from Engineering Drawings", IEEE, Dec. 1984, pgs. 32-40.	
	28	T.C. Woo, "Interfacing Solid Modeling to CAD and CAM: Data Structures and Algorithms for Decomposing a Solid", IEEE, Dec. 1984, pgs. 44-49.	
	29	A.A.G. Requicha et al., "Representation of Geometric Features, Tolerances, and Attributes in Solid Models Based on Constructive Geometry", IEEE Journal of Robotics and Automation, Vol. RA-2 No. 3, Sep. '86.	
	30	Y.H. Pao et al., "Memory Driven Feature-Based Design", Interim Report Feb. 1988-Dec. 1992.	

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Date
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4/15/97

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	31	Chris Waldhart, "Analysis of Tow-Placed, Variable-Stiffness Laminates," Mater's Thesis, Virginia Polytechnic Institute, June 5, 1996, pgs. 1-35.	
	32	Brian Tatting and Zafer Gurdal, "Design and Manufacture of Tow-placed Variable Stiffness Composite Laminates with Manufacturing Considerations," 13 th US National Congress of Applied Mechanics, June 25, 1998.	
	33	Patrick Morelle and R. Radovic, "CAD Based Optimization of Composite Structures," Proceedings of Sixth Int. Conference on OPT, March 16-18, 1999, pgs. 311-320.	

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